

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) Surface-modified effect pigments based on a substrate, characterised in that one or more calcined oxide layers, alone or mixed with sulfates, phosphates and/or borates, and an organic coating are applied to the substrate.
2. (Original) Surface-modified effect pigments according to Claim 1, characterised in that the calcined oxide layer consists of the oxides of Al, Si, Zr, Zn, Ce, Fe or mixtures thereof.
3. (Currently Amended) Surface -modified effect pigments according to Claim 1 ~~or 2~~, characterised in that the organic coating consists of organosilanes, -aluminates, -titanates, -zirconates and/or mixtures thereof.
4. (Original) Surface-modified effect pigments according to Claim 1, characterised in that the substrate is a flake-form support and/or a flake-form support coated with one or more metal oxide, metal oxide hydrate, metal suboxide, metal, metal fluoride, metal nitride, metal oxynitride layers.
5. (Original) Surface-modified effect pigments according to claim 1 ~~one of Claims 1 to 4~~, characterised in that the average thickness of the calcined oxide layers of the post-coating is 0.5-20 nm.
6. (Original) Process for the preparation of a surface-modified effect pigment according to Claim 1, characterised in that one or more oxide layers, alone or mixed with sulfates, phosphates and/or borates, are applied to a substrate, subsequently calcined, and an organic coating is applied.

7. (Original) Process according to Claim 6, characterised in that the substrate is a flake-form support and/or a flake-form support coated with one or more metal oxide, metal oxide hydrate, metal suboxide, metal, metal fluoride, metal nitride, metal oxynitride layers.
8. (Currently Amended) Process according to Claim 6 ~~or 7~~, characterised in that the oxide layer is applied by wet-chemical methods and/or by the sol-gel process.
9. (Original) Process according to Claim 6, characterised in that the calcination is carried out at temperatures of 250 to 900°C.
10. (Original) Process according to Claim 6, characterised in that the organic coating consists of organosilanes, -aluminates, -titanates, -zirconates and/or mixtures thereof.
11. (Original) Use of surface-modified effect pigments according to Claim 1 in paints, coatings, printing inks, plastics, films, in security applications, for laser marking, in thermal protection or for colouring seed.